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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/791,049	03/02/2004	Xiaorong Wang	P03002US1A	2827

48985 7590 07/29/2008
BRIDGESTONE AMERICAS HOLDING, INC.
1200 FIRESTONE PARKWAY
AKRON, OH 44317

EXAMINER

ASINOVSKY, OLGA

ART UNIT	PAPER NUMBER
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1796

MAIL DATE	DELIVERY MODE
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07/29/2008

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

<p align="center">Advisory Action Before the Filing of an Appeal Brief</p>	<p>Application No. 10/791,049</p>	<p>Applicant(s) WANG ET AL.</p>	
	<p>Examiner OLGA ASINOVSKY</p>	<p>Art Unit 1796</p>	

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 21 July 2008 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

1. ☒ The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:

- a) ☒ The period for reply expires 3 months from the mailing date of the final rejection.
b) ☐ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.

Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

NOTICE OF APPEAL

2. ☐ The Notice of Appeal was filed on _____. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

AMENDMENTS

3. ☐ The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because
(a) ☐ They raise new issues that would require further consideration and/or search (see NOTE below);
(b) ☐ They raise the issue of new matter (see NOTE below);
(c) ☐ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
(d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: _____. (See 37 CFR 1.116 and 41.33(a)).

4. ☐ The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).
5. ☐ Applicant's reply has overcome the following rejection(s): _____.
6. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
7. ☐ For purposes of appeal, the proposed amendment(s): a) ☐ will not be entered, or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.
The status of the claim(s) is (or will be) as follows:
Claim(s) allowed: _____.
Claim(s) objected to: _____.
Claim(s) rejected: _____.
Claim(s) withdrawn from consideration: _____.

AFFIDAVIT OR OTHER EVIDENCE

8. ☐ The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).
9. ☐ The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing a good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).
10. ☒ The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

REQUEST FOR RECONSIDERATION/OTHER

11. ☒ The request for reconsideration has been considered but does NOT place the application in condition for allowance because:
See Continuation Sheet.
12. ☒ Note the attached Information *Disclosure Statement*(s). (PTO/SB/08) Paper No(s). 06/13/2008
13. ☐ Other: _____.

/James J. Seidleck/
Supervisory Patent Examiner, Art Unit 1796

Continuation of 11. does NOT place the application in condition for allowance because: The amendment to claim 24 to substitute "core" with -inner layer- is entered. Applicants remarks for restriction requirement of independent claim 32 and dependent claim 33 has been considered, but are not persuasive. The claimed invention in claim 10 is a multilayered polymer nanoparticle. Claim 32 is a crosslinked core-shell nanoparticle. Therefore, a core-shell structure is different designs and structural modification. Because the core segment includes a diblock copolymer chains and the monoblock polymer chain and the shell segment includes diblock copolymer chains. Claims 32-33 is not entered. The Declaration under 1.132 of Dr. Wang and Dr. Pawlow has been considered. The argument is that Krom does not disclose a nanoparticle that includes mono-block polymer chains, because Krom discloses a different process condition for producing a polymer nanoparticle composition. Inventors disclose that "Even if the living polymerization is not terminated before the additional monomer is added, the added monomer would only add on to the living end of the existing diblock polymer chains in the nanoparticles." There is no statement that said additional extended polymer chain is not a monoblock polymer chain. The elected claimed invention is a composition. Applicants' remarks have been considered. The main argument is that there is no motivation to combine the teachings of the references for obtaining claimed polydispersity index between about 1.5 and about 10. However, Wang does disclose the ratio of Mw/Mn less than 10, preferably less than 2. The rejection of record for claims 10-17, 23-25, 27-31 and 34-35 is not withdrawn. The IDS of 06/13/2008 has been considered. All references disclose a core-shell type polymer structure produced by controlled sequential anionic addition polymerization process and crosslinking effect by using a functional monomer. References disclose polystyrene (S) block and isoprene/styrene diblock copolymer. None used term "monoblock."